Katarina Miljković, M.Sc.M.E.

Personal data

Address:
University of Belgrade
Faculty of Mechanical Engineering,
Kraljice Marije 16,
11120 Belgrade 35, Serbia

Phone:
+381 62 966 93 70

E-mail:
kmiljkovic@mas.bg.ac.rs

Nationality:
Serbian

Date of birth:
October 7th, 1994

Research or academic title

Junior Research Assistant

Research field/area

Mechanical engineering / Deep Machine Learning, Biologically Inspired Optimization, Intelligent Control.

Languages

Serbian, English, Italian

Skills

- MS Office (Word, Excel, Power Point),
- MATLAB & Simulink,
- LaTeX,
- SolidWorks,
- AutoCAD.

Education

Oct. 2018 - Present — **Doctoral academic studies (Ph.D., Dr.-Eng.)**
University of Belgrade - Faculty of Mechanical Engineering,
Department of Production Engineering
Dissertation title (initial): Optimization of Dynamic Integrated Process Planning and Scheduling based on Artificial Intelligence Techniques

2018 — **Master of Science (M.Sc.) in Mechanical Engineering**
University of Belgrade - Faculty of Mechanical Engineering,
Department of Automatic Control
Thesis title: Modeling and Control of a Servo Motor System with Direct Current using Artificial Neural Networks

2016 — **Bachelor of Science (B.Sc.) in Mechanical Engineering**
University of Belgrade - Faculty of Mechanical Engineering,
Department of Motor Vehicles
Thesis title: Four Wheel Steering System for Passangers Motor Vehicles

Employment

Feb. 2019 - Present — **Junior Research Assistant**
University of Belgrade - Faculty of Mechanical Engineering,
Department of Production Engineering
Laboratory for Industrial Robotics and Artificial Intelligence (ROBOTICS & AI)

Awards and prizes

- Commendations for the Faculty of Mechanical Engineering Day for excellent grades in the second year of Master degree studies.
- The recipient of a scholarship from the Ministry of Education, Science and Technological Development during Master degree studies.

Publications

/

Number of citations (excluded self-citations)

/

Hirsch index

/

Projects and activities

2019 Babić, B., Miljković, Z., Miljković, K., et al. ***An Innovative, Ecologically Based Approach to the Implementation of Intelligent Manufacturing Systems for the Production of Sheet Metal Parts***,
Grant: TR-35004,
Project funded by Ministry of Education, Science and Technological Development of the Government of the Republic of Serbia

Products, services (datasets, software)

/

Certificates

/